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Response Analysis of Training Participants in Making E-Module Using Flip PDF Corporate for Teachers at SD IT Insan Mulia, Bengkulu City

Dedy Hamdani[a1], Eko Risdianto[a2]

[a]Universitas Bengkulu
Bengkulu, Indonesia
[1*]dedy.hamdani@unib.ac.id
[2]eko_risdianto@unib.ac.id

Abstract

This study aims to discuss the success rate of training activities based on the results of the response analysis of training participants in making e-modules using flip pdf corporate for teachers at SD It Insan Mulia, Bengkulu City. This research was conducted in July-August 2022. The target audience for this service activity is the education community. namely SD IT Insan Mulia, Bengkulu City. The target of this service is the teachers at SD IT Insan Mulia, Bengkulu City who will benefit from this training activity. In the plan for this service activity, observations have been made and the adequacy of facilities and infrastructure for training activities and there is support from the school which states that it welcomes this service activity to be carried out at SD IT Insan Mulia, Bengkulu City. The activity began with observations and interviews with a number of teachers and principals of SD IT Insan Mulia, Bengkulu City about the needs needed to assist teachers in making electronic teaching materials, especially those that can be used in the midst of the current pandemic. To measure the success of this activity, the team conducted evaluations and surveys in the form of questionnaires distributed to teachers. These results were then analyzed descriptively. The training activity for making e-modules using a corporate flip pdf for teachers at SD IT Insan Mulia, Bengkulu City was successfully carried out, this was evidenced by the positive response from the training participants to the training activities shown through the answers selected on the response questionnaire sheet.

Keywords: *training, e-module, flip pdf corporate, teacher*

A. Introduction

The accelerated development of information technology in the age of globalization cannot avoid affecting the world of education. Today, with the ever-increasing development of technology, every element of human life is greatly affected [1]. Technological developments, especially in the world of education, must be supported by increasing human resources [2]. This is in line with the demands of the 21st century which demands the quality of human resources [3], and also the opinion of many experts who state that human resources (HR) is a central factor in an organization or in an institution [4].

Human resource development can be defined as a series of systematic and planned activities aimed at providing employees with the skills they need to meet their current and future job needs [5]. One of the most influential resources in the world of education is educators. Increasing the ability of qualified educators in managing learning in the classroom is expected to be able to improve the quality of the learning process both in the classroom and the learning process outside the classroom.

Bengkulu University, especially FKIP, plays a very important role in this regard. As one of the faculties that plays a role in education, producing prospective teacher graduates, FKIP also has the responsibility to disseminate the latest experiences and learning processes to the education community (Schools, Educational Foundations and others) in training mechanisms or workshops to train the skills that are accommodated. in a community service program. This Service Program is carried out continuously so that one of the implementations of the Tri Dharma of Higher Education runs well. The community service program at the Faculty of Teacher Training and Education, Bengkulu University, needs to be carried out while still based on/applying science, technology, and art. This activity is intended to increase understanding and skills about science and technology in the community. Therefore, this activity is a form of application of science, technology, and art in the field of education as an effort to empower community

groups (formal and non-formal) according to the required field of study so that the community gets the basic knowledge and skills and attitudes to develop, foster, and build themselves to achieve educational independence. With this activity, it is hoped that the target community (educational community) will get the basic knowledge and skills and attitudes to develop, foster, and build themselves to achieve educational independence in accordance with program objectives. Therefore, this activity is a form of application of science, technology, and art in the field of education as an effort to empower community groups (formal and non-formal) according to the required field of study so that the community gets the basic knowledge and skills and attitudes to develop, foster, and build themselves to achieve educational independence.

One of the educational communities in Bengkulu is SD IT Insan Mulia, Bengkulu City. Based on an interview with the principal of SD IT Insan Mulia, Bengkulu City, information was obtained that in the implementation of learning in the Covid-19 situation, the learning process was carried out by using only simple teaching materials such as power points. This of course has an impact, namely the lack of concepts that can be obtained by students from teaching materials. This resulted in some students will certainly have difficulty in following the lesson. Another thing that happens is the frequent occurrence of lost learning in the lessons given. This obstacle is of course not experienced by SD IT Insan Mulia, Bengkulu City, but is a common obstacle experienced by most schools in the Bengkulu City area. For this reason, innovative solutions are needed that can provide answers to these problems. This is in accordance with the appeal from the Ministry of Education and Culture of the Republic of Indonesia that under current conditions, innovative activities are needed by strengthening the use of educational technology.

One solution to the problems above is holding training for teachers at SD IT Insan Mulia, Bengkulu City regarding the development of teaching materials needed when conducting non-face-to-face learning as happened during the pandemic. Training itself is defined as part of education which is a means of coaching and career development as well as an effort to improve the quality of human resources in accordance with job requirements. The material presented in the training activities must be in accordance with the needs of the training participants. An example in this case is material on the development of teaching materials such as modules.

Technological developments in this case software are increasingly rapidly and are relatively easy to access, allowing modules to be designed in the form of electronic modules (e-modules) [6]. E-Module is defined as a form of presenting self-study materials that are systematically arranged into the smallest learning units to achieve certain learning objectives which are presented in an electronic format that is run by computers, mobile phones, or similar electronic devices [7]–[10]. E-module is a new innovation from conventional module[11]. E-Modules can help the learning process become more interesting because it integrates text, images, videos, simulations, animations, quizzes and evaluations interactively [12]. E-modules are considered more innovative because they provide complete material, especially now that students open their cellphones more often than books. One software that can be used to make e-modules more attractive is Flip PDF Corporate. Flip PDF Corporate is a software that can be used to open the pages of a module like a book [13]. Flip PDF Corporate is also a PDF development application that can be accessed online and offline which contains text, audio, video, images, and so on [9].

Previously, there were several researchers who conducted research related to providing training for teachers. One of them is [14]. From the research conducted by Sinsuw and Sambul, it was found that the training activities regarding the development of information technology-based learning media that he had done greatly helped teachers in mastering the use of technology for the teaching and learning process. Then, another benefit of training was also revealed by [15] through research articles. From the research conducted by Herayanti et al, it was found that training activities were able to improve the skills of teachers in making learning videos by utilizing bandicam. From the results of several studies mentioned above, it shows that training is one of the activities that can improve the skills of teachers in terms of the use of educational technology.

Based on the description above, it is deemed necessary to carry out service activities in the form of "training on making e-modules using flip pdf corporate for teachers at SD IT Insan Mulia, Bengkulu City". In addition, the teachers who are trained can later become driving teachers for other elementary school teachers. so that this activity can indirectly be a way of succeeding the programs that have been proclaimed above which were initiated by Fkip University of Bengkulu. To measure the success of the training activities, a survey was conducted by distributing response questionnaires to the training participants. Therefore, this article aims to discuss the success rate of training activities based on the results of the response analysis of participants in the training of making e-modules using a corporate flip pdf for teachers

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at SD It Insan Mulia, Bengkulu City.

B. Methods

This research was conducted in July-August 2022. The target audience for this service activity is the education community, namely SD IT Insan Mulia, Bengkulu City. The target of this service is the teachers at SD IT Insan Mulia, Bengkulu City who will benefit from this training activity. In the plan for this service activity, observations have been made and the adequacy of facilities and infrastructure for training activities and there is support from the school which states that it welcomes this service activity to be carried out at SD IT Insan Mulia, Bengkulu City. The activity began with observations and interviews with a number of teachers and principals of SD IT Insan Mulia, Bengkulu City about the needs needed to assist teachers in making electronic teaching materials, especially those that can be used in the midst of the current pandemic. From these results, it can be seen that a training is needed on how to make e-modules using applications that are easy for them to follow. During the activity, the Team will provide comprehensive training on how to use the Flip PDF Corporate application in creating e-modules. Starting with installing the application, getting to know the features, inserting pdf files, adding videos, quizzes and others. To measure the success of this activity, the team conducted evaluations and surveys in the form of questionnaires distributed to teachers. These results were then analyzed descriptively.

C. Results and Discussion

The target audience for the service activities carried out byby the dedication team from Bengkulu Universityis the education community, namely SD IT Insan Mulia, Bengkulu City.The following is documentation from the time the training activities were carried out.



Figure 1. DocumentationTraining Activities at SD IT Insan Mulia, Bengkulu City

The research data in this article were obtained from the results of filling out a questionnaire conducted by 20 respondents who were training participantsmaking e-module using flip pdf corporate. The data obtained in the form of response data to the training activities that have been carried out. Respondents were asked to respond to several statements related to the ongoing training activities with the answer choices of strongly agree, agree, disagree or strongly disagree with the statements. The results can be seen in the following table.

Table 1. Results of Filling Out Questionnaires by Respondents

Item Number	Number of Respondents who Chose Answer (%)			
	Strongly agree	Agree	Disagree	Strongly Disagree
1	65%	35%	0	0
2	70%	25%	5%	0

3	75%	20%	5%	0
4	75%	20%	5%	0
5	65%	30%	5%	0
6	70%	30%	0	0
7	60%	40%	0	0
8	60%	40%	0	0
9	70%	30%	0	0
10	70%	25%	5%	0
11	75%	25%	0	0
12	70%	30%	0	0
13	80%	20%	0	0
14	85%	15%	0	0
15	80%	15%	5%	0
16	55%	30%	15%	0
17	60%	40%	0	0
18	55%	45%	0	0
19	75%	25%	0	0
20	70%	30%	0	0

The table above shows that the 20 statements related to the implementation of training activities received positive responses from respondents as evidenced by the number of respondents who answered strongly agree more than those who answered the other answer choices.

In graphical form, it can be seen in the following figure.

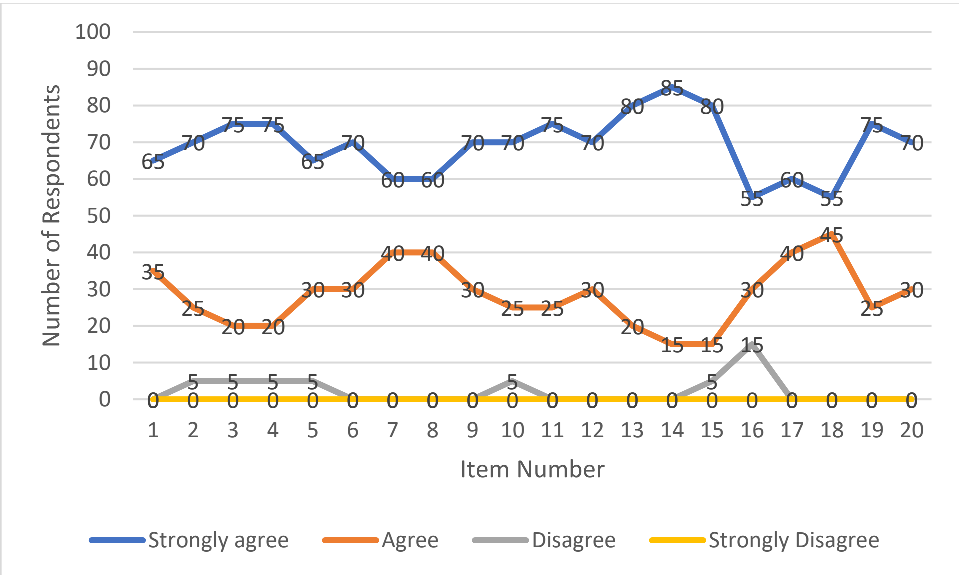


Figure 2. Results of Filling Out Questionnaires by Respondents

From the graph above, it can be seen that the blue line indicating the number of respondents who chose the answer strongly agrees with the statement on the questionnaire sheet occupies the top position. Then below it there is an orange line that shows the number of respondents who chose the answer to agree. Then the gray line which only has a value on a few item numbers, and finally the yellow line which shows the number of respondents who chose the answer strongly disagree to get a value of 0 on all items.

The results shown in the tables and graphs above, indicate that the respondents have a positive response to the training activities they have participated in. In more detail, the statement developed in the response questionnaire stated that the material presented in the training activities was easy to understand, the material presented was clear, the material presented was in accordance with the training objectives, the method of delivering the material was easy to understand, the method used in delivering the material was appropriate. with the times, the delivery of material is carried out in a structured manner, practical activities are easy to follow, practice activities are well guided, the software used to create e-modules is easy to operate because it does not require mastery of programming languages, the software used to create e-modules does not

require a lot of money ,-Modules made with this software do not make it difficult for users because they can be read on Android, iPhone, iPad and computers.

From this training, respondents gained new knowledge about making interesting e-modules that can include:text, audio, video, images, and so on. Besides that,This training activity encourages respondents to be more creative in innovating teaching materials and can improve respondents' digital literacy.

The e-module made is self-instructional, meaning that through this e-module a student is able to learn on their own without depending on other parties, is self-contained, meaning that all learning material from one competency or sub-competency being studied is contained in one e-module. the module as a whole, is Stand alone, meaning that the developed e-module does not depend on other teaching materials, is Adaptive, which means it adapts to the development of science and technology, and is User friendly, meaning that it can make it easier for users when they want to use it.

D. Conclusion

The training activity for making e-modules using a corporate flip pdf for teachers at SD IT Insan Mulia, Bengkulu City was successfully carried out, this was evidenced by the positive response from the training participants to the training activities shown through the answers selected on the response questionnaire sheet. The results of this activity can be used as the basis for carrying out further activities related to training in the manufacture of teaching materials.

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